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PHOTOELECTRIC PHENOMENA

author: Helmut Helbig

Source: Archiv der Elektrische Uebertragung, Vol 4, No 11,
Nov 1950 (page 485), "Lichtelektrische Erscheinungen"

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PHOTOELECTRIC PHENOMENA by Helmut Helbig (ABSTRACT)

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This article represents a summary of the known photoelectric phenomena and an attempt to delineate the many concepts which have developed in the course of time. Its purpose is to orient the reader who lacks familiarity with this special field. The physical phenomena are described only to the extent necessary to the general understanding. The article takes up (1) the external photo effect, and (2) the internal photo effect including (a) the resistance photo effect and (b) the blocking-layer photo effect, as well as the crystal photo effect and the Debye effect.

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